



ATTORNEY DOCKET NO.:
ASF98065 (021971.0168)

PATENT APPLICATION
09/746,735

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Serial No.:

Filing Date:

Title:

G. Gregory Mooty, et al.

09/746,735

December 21, 2000

METHOD AND SYSTEM FOR POINT SOURCE
ILLUMINATION AND DETECTION IN DIGITAL
FILM PROCESSING

BOX: PATENT APPLICATION

Assistant Commissioner
for Patents
Washington, DC 20231

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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

Applicants believe that this Information Disclosure Statement has been filed before the mailing date of the first Office Action in this case. Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that no fee is due. The Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

Matthew B. Talpis
Reg. No. 45,152

CORRESPONDENCE ADDRESS:

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Date: July 31, 2001

FORM PTO-1449

ATTY.
DOCKETASF98065 -
021971.0168SERIAL NO.
09/746,735

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

G. Gregory Mooty, et al.

FOR APPLICANT'S INFORMATION

FILING DATE

12/21/00

GROUP

DISCLOSURE STATEMENT

FOR: Method and System for Point Source Illumination and
Detection in Digital Film Processing

JUL 31 2001

UNITED STATES LETTERS PATENT

DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
2 4 0 4 1 3 8	Jul. 16, 1946	Mayer, A.L.	95	94
3 5 2 0 6 8 9	Jul. 14, 1970	Nagae et al.	96	55
3 5 2 0 6 9 0	Jul. 14, 1970	Nagae et al.	96	55
3 5 8 7 4 3 5	Jun. 28, 1971	Chioffe	95	93
3 6 1 5 4 7 9	Oct. 26, 1971	Kohler et al.	96	48
3 6 1 5 4 9 8	Oct. 26, 1971	Aral et al.	96	55
3 6 1 7 2 8 2	Nov. 2, 1971	Bard et al.	96	59
3 7 4 7 1 2 0	Jul 17, 1973	Stemme	346	75
3 9 0 3 5 4 1	Sep. 2, 1975	Von Meister et al.	354	317
3 9 4 6 3 9 8	Mar 23, 1976	Kyser et al.	346	1
3 9 5 9 0 4 8	May 25, 1976	Stanfield et al.	156	94
4 0 2 6 7 5 6	May 31, 1977	Stanfield et al.	156	554
4 0 8 1 5 7 7	Mar. 28, 1978	Horner	427	424
4 1 4 2 1 0 7	Feb. 27, 1979	Hatzakis et al.	250	571
4 2 1 5 9 2 7	Aug. 5, 1980	Grant et al.	354	317
4 2 4 9 9 8 5	Feb. 10, 1981	Stanfield	156	554
4 3 0 1 4 6 9	Nov. 17, 1981	Modeen et al.	358	75
4 4 9 0 7 2 9	Dec. 25, 1984	Clark et al.	346	75
4 5 0 1 4 8 0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WO 90/01240	Feb. 8, 1990	PCT	H04N	1/40
WO 91/09493	Jun. 27, 1991	PCT	H04N	5/217
WO 97/25652	Jul. 17, 1997	PCT	G03D	5/00
WO 98/19216	May 7, 1998	PCT	G03C	5/29
WO 98/25399	Jun. 11, 1998	PCT	H04N	1/38
WO 98/31142	Jul. 16, 1998	PCT	H04N	5/253
WO 98/34157	Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, 1994, pp. 546-550.
"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", T. Aach, et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.
"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", R. Rangayyan, et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.
"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.
"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", D. Stimpson, et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.
"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", D. Hayes, et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.
"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", D. Wallace, MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 3, 6-9, Nov., 1996.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DAL01:620314.1

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UNITED STATES LETTERS PATENT

DOCUMENT NUMBER **DATE** **NAME** **CLASS** **SUB CLASS**

4	5	6	4	2	8	0	Jan. 14, 1986	Fukuda	354	317
4	5	9	4	5	9	8	Jun. 10, 1986	Iwagami	346	140
4	6	2	1	0	3	7	Nov. 4, 1986	Kanda et al.	430	30
4	6	2	3	2	3	6	Nov. 18, 1986	Stella	354	318
4	6	3	6	8	0	8	Jan. 13, 1987	Herron	346	75
4	6	6	6	3	0	7	May 19, 1987	Matsumoto et al.	356	404
4	6	7	0	7	7	9	Jun 2, 1987	Nagano	358	75
4	7	3	6	2	2	1	Apr. 5, 1988	Shidara	354	317
4	7	4	5	0	4	0	May 17, 1988	Levine	430	21
4	7	5	5	8	4	4	Jul. 5, 1988	Tsuchiya et al.	354	317
4	7	7	7	1	0	2	Oct. 11, 1988	Levine	430	21
4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
4	8	1	4	6	3	0	Mar. 21, 1989	Lim	250	578
4	8	2	1	1	1	4	Apr. 11, 1989	Gebhardt	358	75
4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
4	8	5	1	3	1	1	Jul. 25, 1989	Millis et al.	430	30
4	8	5	7	4	3	0	Aug. 15, 1989	Millis et al.	430	30
4	8	7	5	0	6	7	Oct. 17, 1989	Kanzaki et al.	354	325
4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WO 98/34397	Aug. 6, 1998	PCT	H04N	
WO 99/43148	Aug. 26, 1999	PCT	H04N	1/00
WO 01/01197	Jan. 4, 2001	PCT	G03D	5/00
WO 01/13174 A1	Feb. 22, 2001	PCT	G03D	5/06
EP 0 261 782 A2	Aug. 14, 1987	Europe	H04N	1/46
EP 0 422 220 A1	Mar. 28, 1989	Europe	A61B	6/03
EP 0 482 790 B1	Sep. 9, 1991	Europe	H04N	1/40
EP 0 525 886 A3	Jul. 21, 1992	Europe	G03D	5/00
EP 0 580 293 A1	Jun. 22, 1993	Europe	H04N	1/04
EP 0 669 753 A2	Feb. 24, 1995	Europe	H04N	1/407

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	"Photorealistic Ink-Jet Printing Through Dynamic Spot Size Control", D. Wallace, et al., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996.
	"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", D. Hayes, et al., MicroFab Technologies, Inc. (6 pages)
	"A Method of Characteristics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", D. Wallace, MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.
	"Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging , Nikon Corporation, Nov. 28, 2000.

EXAMINER

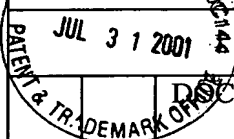
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DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
4 9 9 4 9 1 8	Feb. 19, 1991	Lingemann	358	214
5 0 3 4 7 6 7	Jul. 23, 1991	Netz et al.	354	317
5 1 0 1 2 8 6	Mar. 31, 1992	Patton	358	487
5 1 2 4 2 1 6	Jun. 23, 1992	Giapis et al.	430	30
5 1 5 5 5 9 6	Oct. 13, 1992	Kurtz et al.	358	214
5 1 9 6 2 8 5	Mar. 23, 1993	Thomson	430	30
5 2 1 2 5 1 2	May 18, 1993	Shiota	354	319
5 2 3 1 4 3 9	Jul. 27, 1993	Takahashi et al.	354	313
5 2 3 5 3 5 2	Aug. 10, 1993	Pies et al.	346	140
5 2 5 5 4 0 8	Oct. 26, 1993	Blackman	15	308
5 2 6 6 8 0 5	Nov. 30, 1993	Edgar	250	330
5 2 6 7 0 3 0	Nov. 30, 1993	Giorgianni et al.	358	527
5 2 9 2 6 0 5	Mar. 8, 1994	Thomson	430	30
5 2 9 6 9 2 3	Mar. 22, 1994	Hung	358	527
5 3 5 0 6 5 1	Sep. 27, 1994	Evans et al.	430	21
5 3 5 0 6 6 4	Sep. 27, 1994	Simons	430	362
5 3 5 7 3 0 7	Oct. 18, 1994	Glanville et al.	354	324
5 3 6 0 7 0 1	Nov. 1, 1994	Elton et al.	430	501
5 3 7 1 5 4 2	Dec. 6, 1994	Pauli et al.	348	262

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
EP 0 794 454 A2	Sep. 10, 1997	Europe	G03B	27/73
EP 0 930 498 A2	Jul. 21, 1999	Europe	G01N	21/88

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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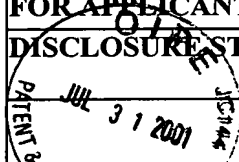
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TR. MARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5 3 9 1 4 4 3	Feb. 21, 1995	Simons et al.	430	21
	5 4 1 4 7 7 9	May 9, 1995	Mitch	382	199
	5 4 1 6 5 5 0	May 16, 1995	Skye et al.	354	298
	5 4 1 8 1 1 9	May 23, 1995	Simons	430	507
	5 4 1 8 5 9 7	May 23, 1995	Lahcanski et al.	355	76
	5 4 3 2 5 7 9	Jul. 11, 1995	Tokuda	354	293
	5 4 3 6 7 3 8	Jul. 25, 1995	Manico	358	503
	5 4 4 0 3 6 5	Aug. 8, 1995	Gates et al.	354	298
	5 4 4 7 8 1 1	Sep. 5, 1995	Buhr et al.	430	20
	5 4 4 8 3 8 0	Sep. 5, 1995	Park	358	520
	5 4 5 2 0 1 8	Sep. 19, 1995	Capitant et al.	348	651
	5 4 6 5 1 5 5	Nov. 7, 1995	Edgar	358	500
	5 5 1 6 6 0 8	May 14, 1996	Hobbs et al.	430	30
	5 5 4 6 4 7 7	Aug. 13, 1996	Knowles et al.	382	242
	5 4 9 6 6 6 9	Mar. 5, 1996	Pferr et al.	430	22
	5 5 5 0 5 6 6	Aug. 27, 1996	Hodgson et al.	345	202
	5 5 1 9 5 1 0	May 21, 1996	Edgar	358	471
	5 5 5 2 9 0 4	Sep. 3, 1996	Ryoo et al.	358	518
	5 5 6 3 7 1 7	Oct. 8, 1996	Koeng et al.	358	406

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DOCUMENT NUMBER									DATE	NAME	CLASS	SUB CLASS
5	5	6	8	2	7	0			Oct. 22, 1996	Endo	358	298
5	5	7	6	8	3	6			Nov. 19, 1996	Sano et al.	358	302
5	5	8	1	3	7	6			Dec. 3, 1996	Harrington	358	518
5	5	9	6	4	1	5			Jan. 21, 1997	Cosgrove et al.	358	296
5	6	2	7	0	1	6			May 6, 1997	Manico	430	434
5	6	6	4	2	5	3			Sep. 2, 1997	Meyers	396	603
5	6	6	4	2	5	5			Sep. 2, 1997	Wen	396	627
5	6	6	7	9	4	4			Sep. 16, 1997	Reem et al.	430	359
5	6	7	8	1	1	6			Oct. 14, 1997	Sugimoto et al.	396	611
5	6	9	1	1	1	8			Nov. 25, 1997	Haye	430	357
5	6	9	5	9	1	4			Dec. 9, 1997	Simon et al.	430	379
5	6	9	8	3	8	2			Dec. 16, 1997	Nakahanada et al.	430	418
5	7	2	6	7	7	3			Mar. 10, 1998	Mehlo et al.	358	474
5	7	3	9	8	9	7			Apr. 14, 1998	Frick et al.	355	40
5	7	7	1	1	0	7			Jun. 23, 1998	Fujimoto et al.	358	464
5	7	9	0	2	7	7			Aug. 4, 1998	Edgar	358	487
5	8	3	5	8	1	1			Nov. 10, 1998	Tsumura	396	598
5	8	7	0	1	7	2			Feb. 9, 1999	Blume	355	27
5	8	8	0	8	1	9			Mar. 9, 1999	Tanaka et. al.	355	75

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DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	
		5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
		5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167
		5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et al.	382	150
		5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.	382	232
		5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.	15	308
		5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.	382	233
		5	9	8	2	9	3	7	Nov. 9, 1999	Accad	382	239
		5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.	382	260
		5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.	382	284
		5	9	8	8	8	9	6	Nov. 23, 1999	Edgar	396	604
		5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.	382	232
		5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi	430	434
		6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al.	73	150
		6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.	382	294
		6	0	6	5	8	2	4	May 23, 2000	Bullock et al.	347	19
		6	0	6	9	7	1	4	May 30, 2000	Edgar	358	487
		6	0	8	9	6	8	7	Jul. 18, 2000	Helterline	347	7
		6	1	0	1	2	7	3	Aug. 8, 2000	Matama	382	169
		6	1	0	2	5	0	8	Aug. 15, 2000	Cowger	347	7
		6	1	3	7	9	6	5	Oct. 24, 2000	Burgeios et al.	396	626

[illegible]

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2622

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Dear Sir:

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Willie Jiles

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